



UltraGlas[®]
Insights

General Information

News and Information for Architects and Designers

*Dimensionally
embossed
glass for
architectural
applications*



General Information

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UltraGlas® is embossed, kiln-formed glass for architectural applications — it is available in a wide variety of standard and custom textures, designs, patterns, shapes, colors, sizes, and finishes to complement any theme or motif.

The leader in the field — UltraGlas, Inc. has pioneered the evolution of kiln formed glass technology and has evolved its acceptance by architects and designers throughout North America and around the world.

Applications — UltraGlas has been used extensively in hotels, resorts, casinos, cruise ships, health care facilities, restaurants, museums, offices and residences. Applications include entries, wall systems, dividers and screens, doors, door and cabinet inserts, tile, windows, flooring, signage, stair rails, stair treads and balustrades, lighting, fixtures, accessories, theme walls, sculpture, tables and table bases, lavatory/bar/counter surfaces and shower enclosures.

Advantages of UltraGlas — UltraGlas provides natural diffusion for privacy while transmitting 100% of light. Meets codes for safety glass and requires little maintenance. It is formed by heat not abrasion, so it is non-absorbent, non-abrasive and sanitary.

Standard ArchiTextures — these are the basic elements in an UltraGlas design, used alone for sophisticated, neutral effect, or as backgrounds for more dimensional textures or designs. These subtle textures appear on one side of the glass, leaving the other side relatively smooth.

Standard DecraTextures — more 3-dimensional than ArchiTextures, DecraTextures offer a raised relief pattern on one side of the glass with the reverse of that relief on the opposite side.

Standard UltraGlas Designs — available in a comprehensive range of styles and tastes — for many examples, visit our website at UltraGlas.com.

Custom Orders — UltraGlas is proud of its reputation as a “can do” company and is always seeking to extend the boundaries of glass and design technology. UltraGlas has been responsible for many new discoveries, and is eager to work with you in extending the beauty and function of your installations.

UltraGlasTile — is available in many standard UltraGlas textures, thicknesses, designs and color palettes. Tile can also be custom coordinated with site specific color palettes and motif elements. Call for more information.

Glass Tints — color that is inherent in the chosen glass itself can add impact to UltraGlas installations. Many glass color choices exist.

Applied Color — UltraGlas components may be back-finished in any specified color or combination of colors.

Monolithic Glass Coloration — UltraGlas has pioneered the technology of fusing unleaded color with glass. Opaque or translucent colorations may be specified in selective areas or across an entire piece. Multiple colors may also be specified.

Glass Size — UltraGlas fabricates to virtually any size, including ovals, radius, and custom shapes, up to 69-1/2” x 119-1/2” (call for exceptions).

Glass Thickness — UltraGlas is available in all standard glass thicknesses, including 1/8”, 3/16”, 1/4”, 3/8”, 1/2” and 3/4” — as well as metric sizes. Not all through-body glass tints are available in all thicknesses.

Special Shapes — with your supplied template, UltraGlas

can create most any desired shape (ovals, oblongs, even unusual or combined shapes).

Hardware — UltraGlas can be configured to accept any glass hardware. Shapes, holes, notches and flat margins can all be specified.

Flat Margins and areas around hardware — edges can be made flat for easy installation into any channel or glazing condition. All dimensions and locations may be specified.

Bending — all thicknesses of UltraGlas can be bent.

Tempering — UltraGlas can be specified in both annealed and tempered strengths.

Sensuous edge Treatments — UltraGlas edges are fire polished for beauty and safety.

Special Treatments & Finishes — can be specified to add even more drama, continuity and beauty to your installation. Sand Frosting provides added diffusion and privacy, as well as an elegant, soft “Lalique” appearance. When desired, this may be sealed to reduce maintenance requirements. Silvering creates a completely opaque surface, adding beautiful reflective qualities (this effect is particularly dazzling with colored glass). Frit application (the use of crushed glass) can add sparkle and luster, and is a great way to accent a design. Components can be selectively Painted and Leafed. Appliques, Jewels and other decorative Accents can be affixed to the surface for added interest.

Lamination — horizontal surfaces are often laminated.

Safety Codes — UltraGlas meets or exceeds codes for safety glass.

Insulation — UltraGlas may be insulated for sound and thermal barriers in all thicknesses.

Fire Rated Glass — is available for specific installations.

Specifying and ordering — fax your drawings, dimensions, details and other pertinent data (including texture, design or custom considerations, glass thickness and color, whether it will be tempered or annealed, etc.) on company letterhead. One of our friendly design consultants will contact you should any clarification be required. **Note:** Quotations are provided to the trade only.

Typical Lead Time — between 6 and 8 weeks from receipt of order, deposit and all required specifications. Some applications may require extended lead times in order to accommodate special needs. Certain orders may qualify for our “QuickShip” program.

Packing and Shipping — custom wooden crates are constructed to accommodate each order. All orders are shipped freight pre-paid, unless otherwise specified.

Terms — a 50% deposit is required to initiate an order, with the balance due prior to order shipment.

Installation — UltraGlas usually installs like regular glass in all glazing systems.

Maintenance — UltraGlas textures tend to conceal normal fingerprinting, dust and dirt — making it much easier to maintain than flat or etched glass. Cleans with standard, non-abrasive glass cleaners.

Call 800 777 2332 to speak with one of our professional design consultants — **or visit UltraGlas.com**

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